

ER 002857476 US

July 21, 2006

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number  
**WO 2005/090990 A2**

(51) International Patent Classification<sup>7</sup>: **G01N 33/573**(21) International Application Number:  
**PCT/US2005/001993**

(22) International Filing Date: 21 January 2005 (21.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/538,993 23 January 2004 (23.01.2004) US(71) Applicant (*for all designated States except US*): AVENTIS PASTEUR, INC. [US/US]; Discovery Drive, Swiftwater, PA 18370 (US).

(72) Inventors; and

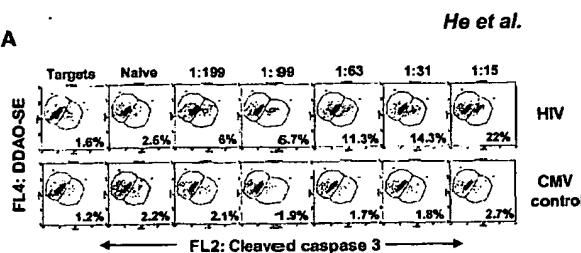
(75) Inventors/Applicants (*for US only*): DUNN, Pamela [CA/CA]; 1755 Steeles Avenue, Toronto, Ontario M2R 3T4 (CA). HE, Liwei [CA/CA]; 1755 Steeles Avenue,

Toronto, Ontario M2R 3T4 (CA). RADVANYI, Laszlo [CA/CA]; 1755 Steeles Avenue, Toronto, Ontario M2R 3T4 (CA). SALHA, Danielle [CA/CA]; 1755 Steeles Avenue, Toronto, Ontario M2R 3T4 (CA).

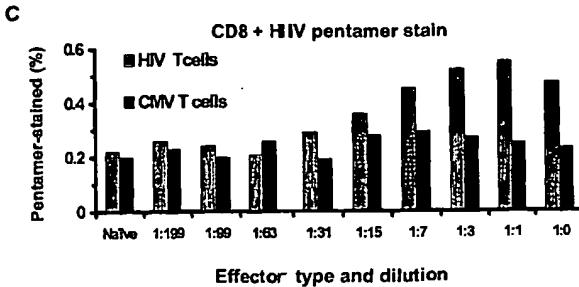
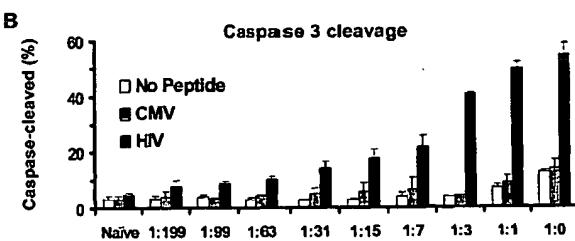
(74) Agent: HALLORAN, Patrick, J.; Aventis Pasteur, Inc., Discovery Drive, Swiftwater, PA 18370 (US).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GII,*[Continued on next page]*

(54) Title: CYTOTOXICITY ASSAY



(57) Abstract: The present invention relates to methods for detecting CTL activity using flow cytometry to detect cleavage of cytotoxicity-related enzymes.



REFS | AVAILABLE COPY

WO 2005/090990 A2



GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CI, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.